

APPLICANT'S ART CITATION (Use several sheets if necessary)	Application	OFGS File No. P/126-2040
	Applicant Mamoru SHIMAZAKI	
	Filing Date	Group Art Unit

11046 U.S. PTO  
109/871096  
15/21705

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number						Date	Name	Class	Sub-class	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Sub-class	Translation	
												Yes	No
IQ	1	1-	3	0	2	2	6	02/02/99	Japan			X Abstract only	
IQ	1	1-	6	8	8	9	6	03/09/99	Japan			X Abstract only	
IQ	6-	1	9	5	1	5	1	07/15/94	Japan			X Abstract only	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner *Mamoru Shimazaki* IQ Date Considered IQ

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APR 11 2002

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	G0126.204/P204
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## Complete if Known

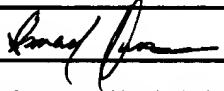
Application Number	09/871,096
Filing Date	May 31, 2001
First Named Inventor	Mamoru Shimazaki
Art Unit	2681
Examiner Name	Not Yet Assigned

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
IQ	A	5,896,575	04-20-1999	Motorola, Inc.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
IQ	B	WO-00/59179 A1	10-05-2000	Sony Electronics Inc.	
IQ	C	JP-6-195151	07-15-1994	Brother Ind. Ltd	x

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
IQ	D	European Search Report dated February 13, 2002			

Examiner Signature		Date Considered	11/08/03
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U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	09/871,096
Sheet	1	of	1	Filing Date	May 31, 2001
				First Named Inventor	Mamoru Shimazaki
				Art Unit	2681
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	G0126.204/P204

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U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
TQ	BA	JP-4-49746	02-19-1992		
TQ	BB	JP-2001-257754	09-21-2001		X

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
TQ	CA	Japanese Office Action issued October 22, 2002 (w/ English translation of relevant portion)			

Examiner Signature	<i>Tomohiro Shimazaki</i>	Date Considered	11/03/03
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STATEMENT BY APPLICANT

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IQ	AA	US 5,584,054	12-10-1996	Tyneski et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
IQ	BA	CN 1247675	03-15-2000			
	BB					X

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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IQ	CA	Chinese Office Action issued March 28, 2003 (w/ English translation of relevant portion)	

Examiner Signature		Date Considered	11/03/03
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